

TITLE OF THE INVENTION

DNA ENCODING HUMAN VANILLOID RECEPTOR VR3

ABSTRACT OF THE INVENTION

5 DNA encoding human VR1 receptor has been cloned and characterized. The recombinant protein is capable of forming biologically active protein. The cDNA's have been expressed in recombinant host cells that produce active recombinant protein. The recombinant protein is also purified from the recombinant host cells. In addition, the recombinant host cells are utilized to

10 establish a method for identifying modulators of the receptor activity, and receptor modulators are identified.

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